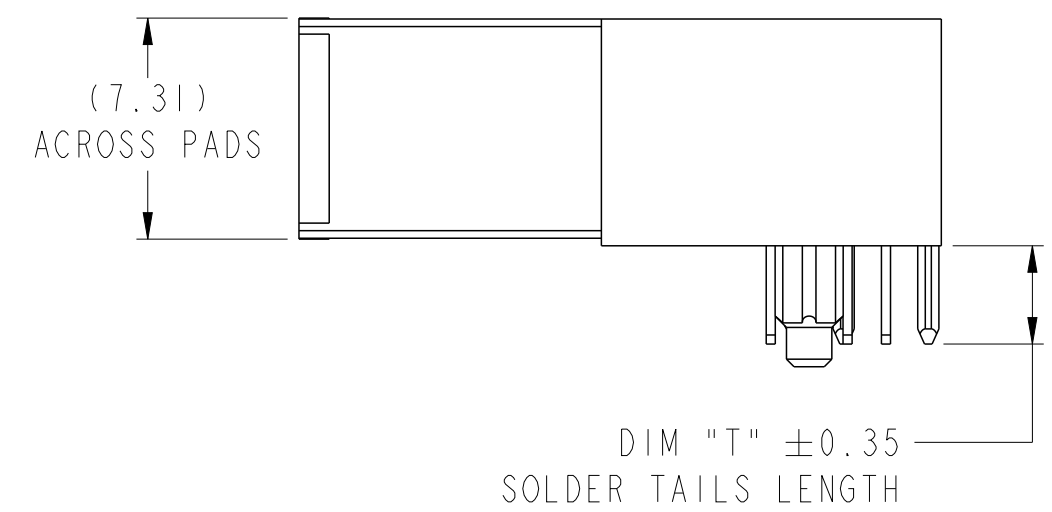
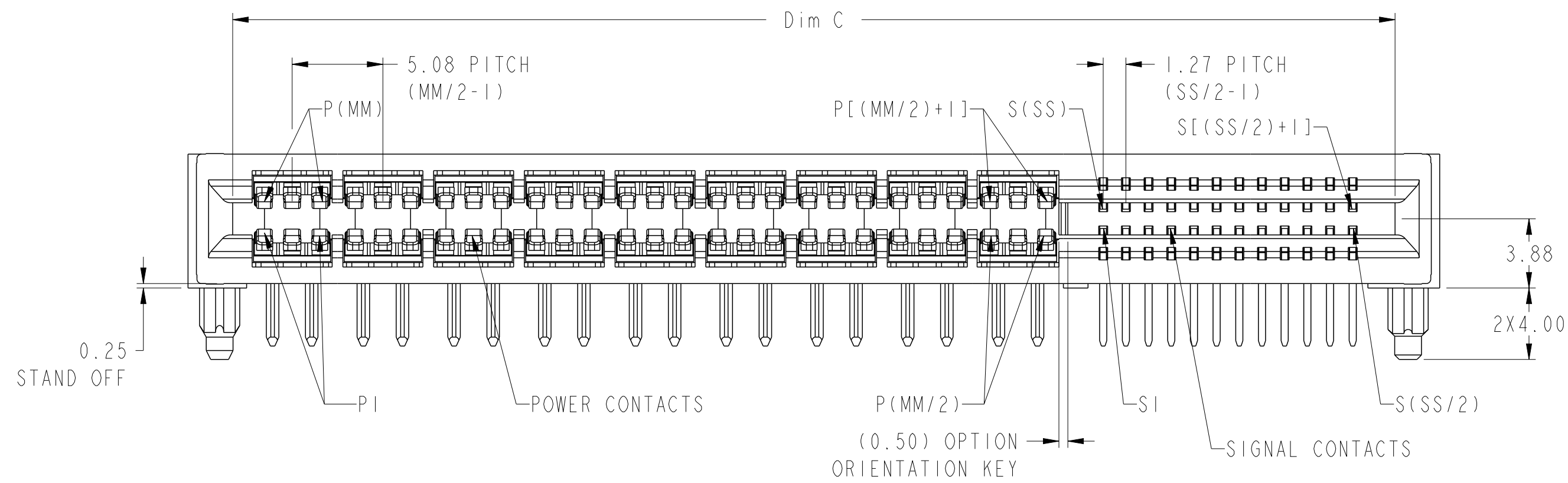
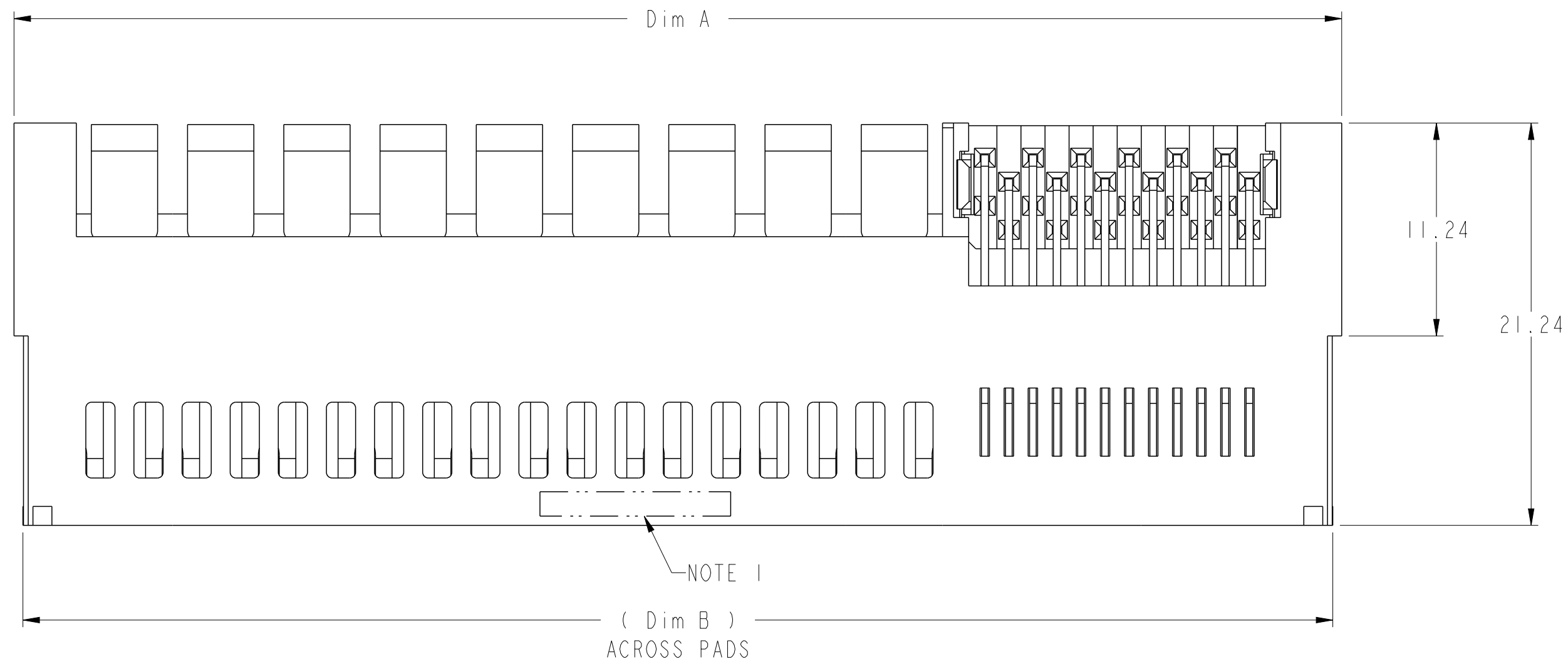
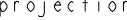
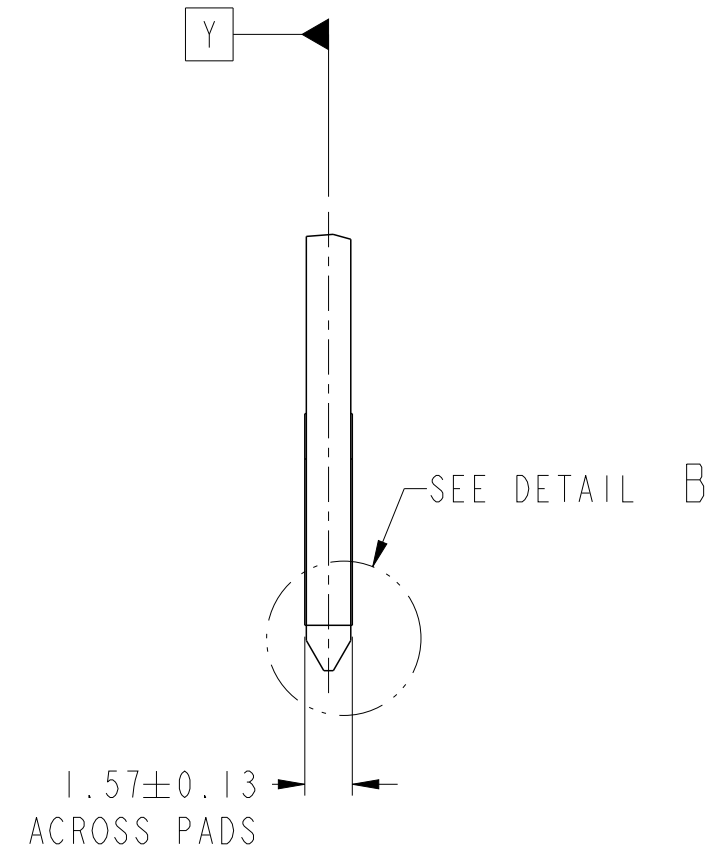
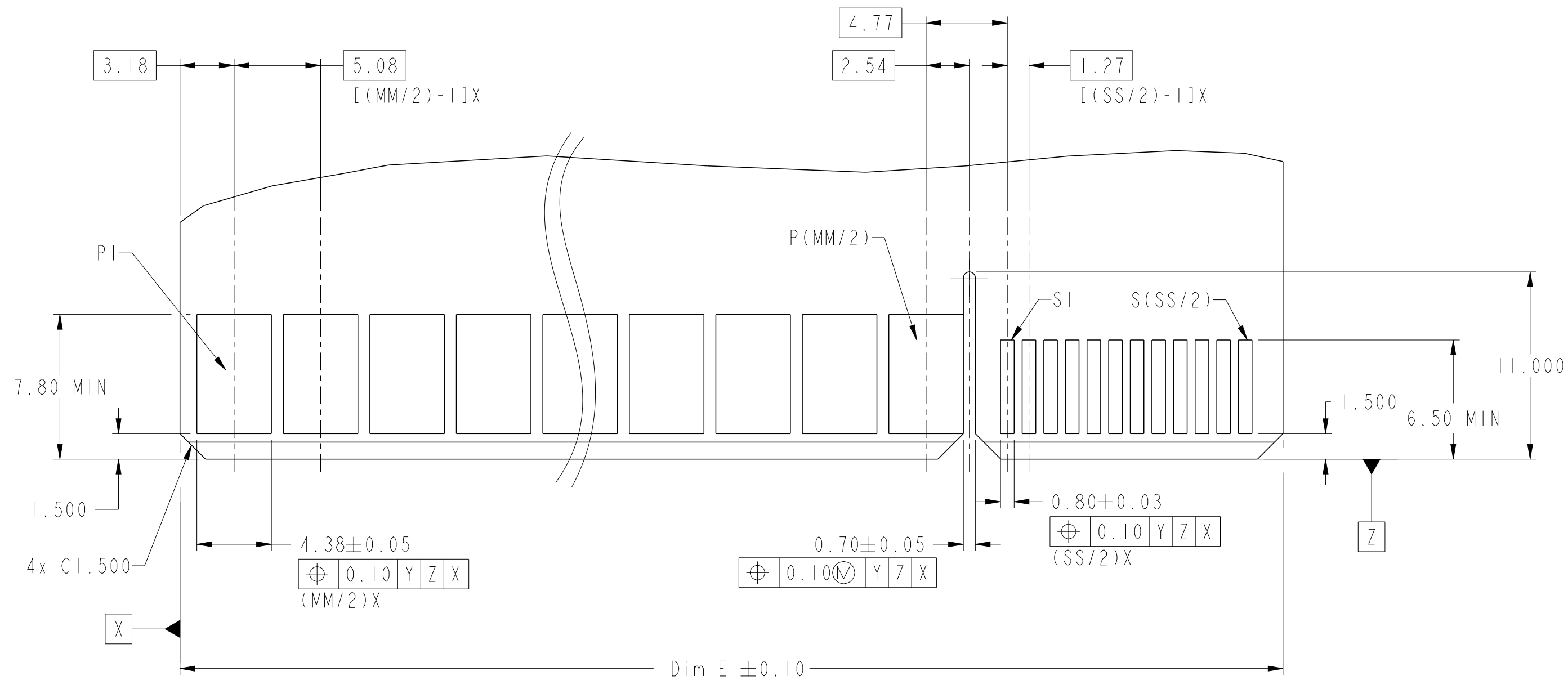
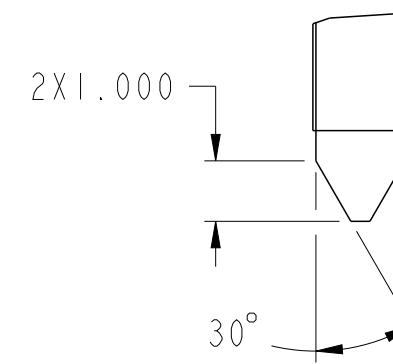




spec ref		-		dr		Jackbin Zou		2017/06/20		projection						MM		size		A2		scale		4:1													
tolerance std		ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Ada Ye		2019/04/24		chr		Feng Zheng		2019/04/23		appr		Zheng, Pei-Min		2019/04/24		product family		ecn no		-		rel level		Released					
surface		ISO 1302		linear		0.X		±0.5		0.XX		±0.25		0.XXX		±0.10		angular		0°		±3°		Amphenol FCi		title		eHPCE R/A RECEPTACLE UNIVERSAL DRAWING(STB,P+S CONFIGURATION)		dwg no		10139371		rev		A	
																										cat. no.		Product - Customer Drw		sheet 1 of 4							



RECOMMENDED MATING BOARD LAYOUT
(DIMENSION TOLERANCE IS ±0.05MM)



DETAIL B
SCALE 8:1

spec ref		-		dr		Jacklin Zou		2017/06/20		projection				MM		size		A2		scale		4:1	
tolerance std		ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Ada Ye		2019/04/24		chr		Feng Zheng		2019/04/23		ecn no		-			
						appr		Zheng, Pei-Min		2019/04/24		product family						rel level		Released			
surface		ISO 1302		linear		0.X		±0.5		0.XX		±0.25		0.XXX		±0.10		angular		0°		±3°	
						Amphenol FCi		title		eHPCE R/A RECEPTACLE		cat. no.		-		Product - Customer Drw		sheet 3 of 4		dwg no		10139371	
										UNIVERSAL DRAWING(STB,P+S CONFIGURATION)												rev	
																						A	

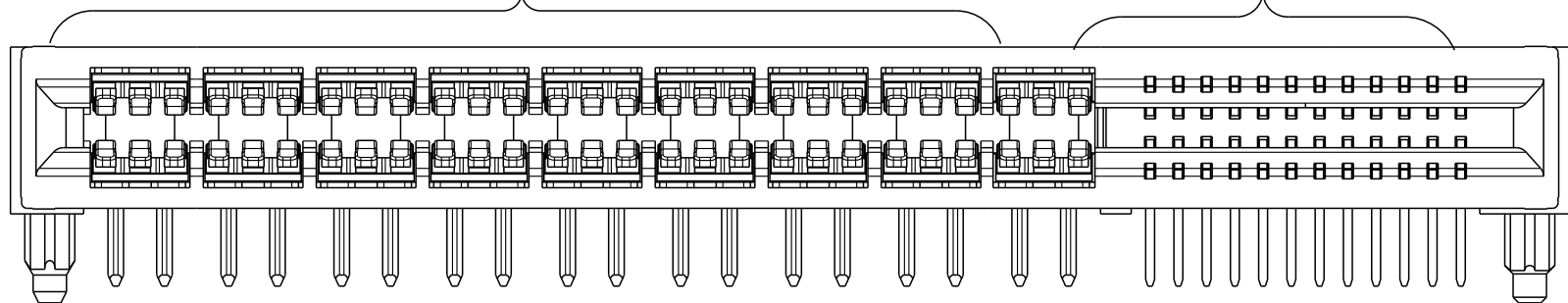
A
B
C
D
E
F

10139371 - MM SS * LF LEAD FREE

	A	B	C	D	E	F	G	H
TAIL LENGTH (DIM T)	2.6		3.25		4.05		4.85	
ORIENTATION KEY	Y	N	Y	N	Y	N	Y	N
RECOMMENDED HOST PCB THICKNESS	1.57		2.36		3.20		4.00	
STATUS	RELEASED		NOT RELEASED		RELEASED		RELEASED	

MIDDLE POWER CONTACTS QTY(28MP Max.)

SIGNAL CONTACTS QTY(24S Max.)



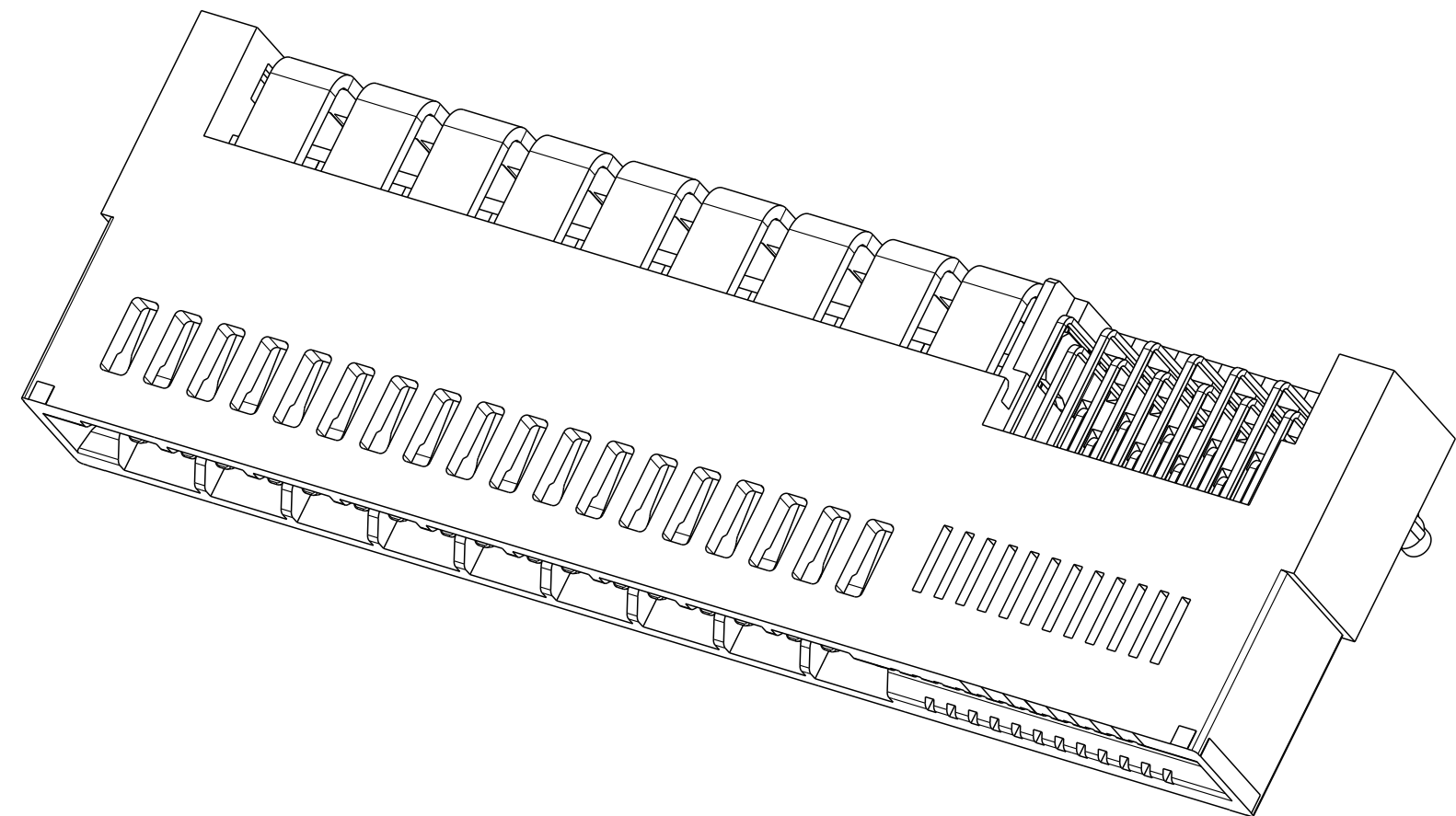
EXAMPLE: THE CONFIGURATION ABOVE IS 10139371-1824GLF
eHPCE R/A RECEPTACLE STB TYPE WITH 18MP24S AND ORIENTATION KEY,
18MP MEANS 18PCS MIDDLE POWER CONTACTS, 24S MEANS 24PCS SIGNAL CONTACTS,
THE LENGTH OF SOLDER TAIL IS 4.85mm

TABLE 2: PART NUMBER CODE FOR R/A eHPCE MP+S CONFIG

NOTES:

- PRODUCT MARK:
PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE.
THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
- MATERIALS:
-HOUSING : HIGH TEMP THERMOPLASTIC WITH GLASS FIBER, UL94V-0, BLUE.
-POWER CONTACT : HIGH CONDUCTIVITY COPPER ALLOY.
-SIGNAL CONTACT : COPPER ALLOY
- PLATING SPECIFICATION:
-POWER CONTACT:
CONTACT AREA: GCS OVER NI
SOLDER TAIL AREA: MATTE SN OVER NI
-SIGNAL CONTACT:
CONTACT AREA:GXT OVER NI
SOLDER TAIL AREA: MATTE SN OVER NI
- DENOTES CONNECTOR KEEP OUT ZONE.
- DATUM AND BASIC DIMENIONS WERE ESTABLISHED BY CUSTOMER.
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 245°C PEAK TEMPERATURE FOR 10 SECONDS
IN A WAVE SOLDER APPLICATION.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
- PRODUCT SPECIFICATION : GS-12-1380.
APPLICATION SPECIFICATION : GS-20-0488.
PRODUCT PACKAGE SPECIFICATION: GS-14-2532.
- MOUNTING HOLES ARE UNPLATED
Ø 2.18+/-0.03 FOR SOLDER TO BOARD(STB) TAILS.
- MAXIMUM OVERALL LENGTH IS 100mm.

DIM	LENGTH FORMULAS
DIM A	(MM/2)X5.08 + (SS/2)X1.27 + 9.12
DIM B	DIM "A" - 0.94
DIM C	DIM "A" - 5.00
DIM D	DIM "A" - 3.54
DIM E	DIM "A" - 5.30



spec ref		-		dr	Jackbin Zou	2017/06/20	projection 	MM 	size	A2	scale	4:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Ada Ye	2019/04/24			ecn no	rel level Released				
ISO 406				chr	Feng Zheng	2019/04/23								
ISO 1101				appr	Zheng, Pei-Min	2019/04/24								
surface		linear 	0.X	±0.5	Amphenol FCI	title	eHPCE R/A RECEPTACLE UNIVERSAL DRAWING(STB,P+S CONFIGURATION)			dwg no	10139371		rev	A
ISO 1302			0.XX	±0.25										
			0.XXX	±0.10										
	angular	0°	±3°											
					cat. no.	-	Product- Customer Drw			sheet 4 of 4				